

Upper Mokelumne River Watershed Planning and Development Project

4) Project Summary

SNC Reference Number:
080028

County: Amador, Calaveras, Alpine

Applicant: Central Sierra Resource Conservation & Development, Inc.

Project Title: Upper Mokelumne River Watershed Planning & Development Project

PROJECT GOAL

The goal of the Upper Mokelumne River Watershed Planning & Development Project is to support and maintain the combined Upper Mokelumne River and Amador Dry Creek Watershed Councils (UMRWC). With this funding opportunity the coordinator will provide collaboration, coordination, education and outreach in the watershed community through a volunteer water monitoring program and Proper Functioning Condition (PFC) stream assessment program and by completing the watershed plan for the Amador Dry Creek Watershed. Watershed Coordinator establishing water quality monitoring programs to provide adaptive management feedback from the full watershed; coordinating 'PFC' stream assessments; and completing the Dry Creek Watershed Plan is the primary goal.

Funding is critical to implement the UMRWC three year Council Management Plan created during the 2007 Visioning Day; and to implement future projects/programs that will ensure long-term sustainability of local watershed enhancement activities and a watershed coordinator position. Identified impacts to our watersheds include: gold mining, deforestation, cattle grazing, loss of wildlife habitat and corridors from large housing and commercial developments, low stream flow water quality, increases in wildfire hazards, increased sedimentation loading from poorly designed dirt roads, peak storm flows, degraded fisheries, leaky and failed septic systems, and increased stream bank erosion.

This thirty month project will accomplish these goals by funding a part-time watershed council coordinator position to represent the entire Upper Mokelumne River Watershed Hydrologic Unit Area (HUA). Our influence and concern extends into three counties and 619,884 acres of watershed area. Building on the past and present collaborative successes it is imperative to keep our momentum in these communities of the Upper Mokelumne River HUA.

PROJECT SCOPE

The Upper Mokelumne River proper extends east from Comanche Reservoir and is a source of drinking water for 1.3 million people according to the Upper Mokelumne River Watershed Authority Assessment & Plan (UMRWA Plan). The Dry Creek watershed extends from the vicinity of Galt, Sacramento County and San Joaquin Counties, East into Amador County. The UMRWC members and Coordinator, East Bay Municipal Utilities District (EBMUD), Amador Water Agency (AWA), Calaveras County Water Agency (CCWD), Alpine, Amador and Calaveras Boards of Supervisors (BOS) provided oversight and direction to the UMRWA Plan. The water monitoring and community outreach completed by the Council was noted in the UMRWA Plan as being necessary to provide important data and community involvement in the planning process. Our future goals and this project are based on the findings of the UMRWA Plan of 2007. The Amador

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Dry Creek Watershed Council (ADCWC) was established and they developed the Dry Creek Watershed Plan Framework. The Framework is the bases on which this project will complete the Dry Creek Watershed Plan.

LETTERS OF SUPPORT

Amador Fire Safe Council, East Bay Municipal Utility District, Upper Mokelumne River Watershed Council, Amador County,
Central Sierra RC&D (see membership list)

SNC PROJECT DELIVERABLES AND SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Facilitate and engage both Watershed Councils (into one working group), and watershed residents through project implementation, capacity building, watershed awareness, education and sustainability of the volunteer program	Feb. 2009 – Aug. 2011
Watershed Wide Water Quality Monitoring with technically trained volunteer cadre from the respective watershed communities <ul style="list-style-type: none"> Upper Mokelumne River Monitoring Program Establish Amador Dry Creek Watershed Monitoring Program 	April 2009-June 2011
Conduct Proper Functioning and Condition (PFC) stream assessment for both Upper Mokelumne and Amador Dry Creek watersheds determining stream reaches capable of withstanding a 25 to 30 year storm event without degradation. <ul style="list-style-type: none"> PFC assessment for the Upper Mokelumne River Watershed PFC assessment for the Amador Dry Creek Watershed. Assessment will include 2007 data obtained from the Jackson Creek PFC assessment which was funded by SNC through the Amador Community Foundation. 	April 2009-June 2011
Amador Dry Creek Watershed Plan – Complete plan utilizing Watershed Framework developed through Water Board Prop 50 agreement.	July 2011
Coordinate project activities concisely and in a timely manner, prepare GIS analysis and maps, and prepare status and final reports	As needed

SNC PROJECT COSTS

PROJECT BUDGET CATEGORIESTOTAL	TOTAL SNC FUNDING
PFC Stream Assessment	\$7,500
Watershed Monitoring and Laboratory Processing	\$44,500
Amador Dry Creek Watershed Plan	\$2,400
Watershed Council Capacity Building and Community Awareness	\$26,900
Staff: Watershed Coordinator/Manager, WQM Trainer, WQM Technician, Student/Volunteer stipend, and Clerical	\$107,400
Fiscal Management 15%	28,300
SNC Grant Totals	216,900